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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 15, 2014

Mr. Steve Rogosheske  
Chem- Tech, TTD.  
1006 Business Highway 5  
Pleasantville, IA 50225

Subject: Label Notification per PRN 98-10 – new company 24-hour emergency number  
Pyrenone Aerosol Spray  
EPA Registration Number: 47000-15  
Application Date: October 1, 2014  
Decision Number: D496271

Dear Mr Rogosheske:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please contact Linda A. DeLuise at 703-305-5428.

Sincerely,

f Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7504P)





# Pyrenone Aerosol Spray

[Pyrethrin]

[Controls Flies, Gnats, Mosquitoes]

**KILLS & REPELS** House Flies, Horn Flies, Stable Flies, Horse Flies, Face Flies, Deer Flies, Gnats, Mosquitoes, Small Flying Moths (millers), Roaches, Waterbugs, Sowbugs, Spiders, Centipedes, Ants, Crickets, Wasps and Hornets.

For use in Bottling Plants, Breweries, Homes, Bakeries, Food Plants, Stores, Restaurants, Schools, Hotels, Motels, Office Buildings, Hospitals, Warehouses, Food Handling Plants, Dairies, Milk Houses, Cattle, Horse, Poultry and Swine Quarters. Also for use on Cattle, Horses, and Swine.

**ACTIVE INGREDIENTS:**

Pyrethrins.....	0.2%
Piperonyl Butoxide*	1.0%

<b>OTHER INGREDIENTS**</b> .....	<b>98.8%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

**NOTIFICATION**

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\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds.

\*\*Contains Petroleum Distillates

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas). Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Note To Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if absorbed through the skin. Avoid contact with skin and eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

### PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from fire, sparks and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TV's, computers, etc.

[Editor's note - the following in brackets [ ] denote sections used for any Commercial/Occupational Use of this product.]

### [PERSONAL PROTECTIVE EQUIPMENT (PPE)]

Applicators and other handlers must wear the following:

- Long-sleeve shirt,
- Long pants,
- Shoes and socks
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton [Selection Category E].

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**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.  
Discard clothing, and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**User Safety Recommendations:**

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. ]

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with the label.

Hold container upright, nozzle away from you and press actuator button spraying as directed.

**Application Restrictions**

Commercial/Occupational - [For Use as a space spray: Do not allow adults, children, or pets to enter until vapors, mists and aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.]

For residential use only - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

For indoor uses: Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Commercial/Occupational - [Do not apply this product that will contact workers or other persons either directly or through drift. Only protected handlers may be in the treated area during application.]

For residential Use only - For use as a surface or space spray: Do not apply this product that will contact adults, children, or pets, either directly or through drift. Remove pets, birds, and cover fish aquariums before use.

Commercial/Occupational - [When used In food handling and processing facilities: Do not make space spray application when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment before use. Do not apply more than 1 time per day.]

For use as a surface spray: Do not allow adults, children, or pets to enter until sprays have dried.

Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried.

Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

Commercial/Occupational - [Do not use in aircraft.]

Not for use in outdoor residential misting systems.

When used in Dairy Barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Commercial/Occupational - [Remove pets, birds (except in commercial poultry operations) and cover fish aquariums before use.]

**TO TREAT ANIMALS:** To protect cattle from attacks of stable flies, horse flies, deer flies, house flies, horn flies, mosquitoes and gnats spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly. To protect from face flies, spray the face and head, but do not spray into the eyes. Repeat treatment as necessary but no more than 1 time per day.

**IN ANIMAL QUARTERS & MILK ROOMS:** For rapid control of house flies, mosquitoes, gnats, wasps, and flying moths close windows and doors and spray at the rate of one second per 1000 cubic feet of space. For best results keep area closed for 10 minutes after spraying. Do not remain in treated area and ventilate after treatment is completed.

**[FOOD PROCESSING AREA USE:** For flies, mosquitoes, small flying moths (millers), and gnats: Close all doors and windows. Point nozzle upward, direct the spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated areas. Keep the room closed for at least 15 minutes. Thoroughly ventilate the room when treatment is completed. **Roaches, Waterbugs, Sowbugs, Spider and Centipedes:** Spray thoroughly into the following hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under

refrigerators, baseboards and storage areas. Spray directly on insects where possible. Repeat as necessary. **Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.]

**HOME USE:** For flies, mosquitoes, small flying moths (millers), and gnats: Close all doors and windows. Point nozzle upward, direct the spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated areas. Keep the room closed for at least 15 minutes. Thoroughly ventilate the room when treatment is completed. **Roaches, Waterbugs, Sowbugs, Spider and Centipedes:** Spray thoroughly into the following hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards and storage areas. Spray directly on insects where possible. Repeat as necessary. **Ants:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

To kill **Bedbugs:** Apply as a spot treatment to cracks and crevices, around baseboards, floorboards, headboards and floors around sleeping area. Spray mattresses and box-springs until slightly damp, around tufts, folds and seams. Allow treated surfaces to thoroughly dry before use. Repeat as necessary, but no more than once per day.

**[FOR USE IN STORAGE SITES:** This product can be used in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators, and conveying equipment as a clean up prior to using them for storage. For control of Almond, Indian Meal, Angoumois, and Tobacco Moths, Rice Weevil, Grain mites, Confused Flour Beetle, Sawtoothed Grain Beetle, and Roaches. Close room or warehouse and shut off ventilation equipment. For processed product areas of food manufacturing facilities, cover or remove any exposed food/feed. Cover any equipment that will be in direct contact with food/feed. Direct aerosol mist to all parts of the room, especially into dark enclosures and around stored product containers where adult moths may be resting. Use a minimum treatment of 6 to 8 seconds per 1000 cubic feet of space. Keep area closed for 30 minutes after each treatment. In mills and elevators, all grain infested accumulations should be removed from the bin hoppers. All storage areas and conveying equipment should be thoroughly cleaned by sweeping out the waste grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices. All of the debris should be removed and burned to kill eggs and insects that might be present. Before processing begins, wash down all equipment, benches, shelving, etc., where exposed food/feed will be handled with an effective cleaning compound followed by potable water rinse. Repeat treatment weekly or as infestation occurs.]

**[FOR USE ON STORED PRODUCTS:** This product can be used on rice, grain nuts, dried fruit, beans, almond nutmeat and shells, pistachio, dried prunes, dried apricots, raisins, figs, wheat, oats, barley, rye, tobacco and peanuts held in storage for control of the accessible stages of Almond Moths, Angoumois Grain Moths, Cadelle Beetles, Cigarette Beetles, Confused Flour Beetles, Flat Grain Beetles, Granary Weevils, Indian Meal Moths, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Sawtoothed Grain Beetles, Square Necked Grain Beetles, and Tobacco Moths. Treatment should be made while building is unoccupied. Building should be closed for at least 30 minutes after treatment with all ventilation and UV light sources kept at a minimum during fogging. Dy-Fly does not penetrate exposed or packaged product. Infested products should be treated by other methods approved for this purpose. Use a minimum treatment of 6 to 8 seconds per 1000 cubic feet of space. Direct aerosol mist to all parts of the room, especially into dark enclosures and around stored product containers where adult moths may be resting. Repeat treatment weekly or as infestation occurs.]

**BEEF CATTLE OPERATIONS:** In barns, close all windows and doors. Apply at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. For animal use, thoroughly spray entire animal as it is being released into pasture. Do not spray directly towards animal's face or eyes. Repeat application daily but not more than once per day.

**POULTRY OPERATIONS:** For poultry houses, close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. Treat daily or as necessary, but not more than once per day.

**HOG OPERATIONS:** In hog houses, close all windows and doors. Apply at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. For animal application direct spray over backs and spray for 1 to 2 seconds per hog. Do not spray directly towards animal's face or eyes. Repeat application daily or as necessary, but not more than once per day.

**HORSE BARN AND STABLES:** In horse and pony barns close all windows and doors. Spray at the rate of 1 to 2 seconds per 1000 cubic feet. Keep area closed for 15 minutes following application. If area cannot be closed, double the dosage. In animal application, lightly mist over backs of horses and ponies from a distance of at least 2 feet. Do not spray directly toward horse's face or eyes. Repeat application daily or as necessary.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry place away from heat or open flame.

**PESTICIDE DISPOSAL and CONTAINER HANDLING:** Do not puncture or incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

**NOTICE**

